

# INTERNATIONAL SEARCH REPORT

PCT/GB2004/002499

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K39/12 A61K39/04 A61K39/39 A61P31/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/00216 A (SAMBHARA SURYAPRAKASH ; PASTEUR MERIEUX SERUMS VACC (FR); MOSTE CATHER) 6 January 2000 (2000-01-06) the whole document	1-57
X	WO 01/30989 A (RENNER WOLFGANG A ; NIEBA LARS (CH); CYTOS BIOTECHNOLOGY AG (CH)) 3 May 2001 (2001-05-03) page 46, line 24 - page 54, line 10; claims 1-87; examples 4-7	1-57
X	WO 96/40241 A (VIROGENETICS CORP) 19 December 1996 (1996-12-19) abstract; claims 1-27	1-4,8-57
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

19 October 2004

Date of mailing of the international search report

26/10/2004

Name and mailing address of the ISA

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# INTERNATIONAL SEARCH REPORT

PCT/GB2004/002499

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>KENT STEPHEN J ET AL: "Enhanced T-cell immunogenicity and protective efficacy of a human immunodeficiency virus type 1 vaccine regimen consisting of consecutive priming with DNA and boosting with recombinant fowlpox virus"</p> <p>JOURNAL OF VIROLOGY, THE AMERICAN SOCIETY FOR MICROBIOLOGY, US, vol. 72, no. 12, December 1998 (1998-12), pages 10180-10188, XP002179215 ISSN: 0022-538X the whole document</p>	1-57
A	<p>SCHNEIDER J ET AL: "ENHANCED IMMUNOGENICITY FOR CD8+ T CELL INDUCTION AND COMPLETE PROTECTIVE EFFICACY OF MALARIA DNA VACCINATION BY BOOSTING WITH MODIFIED VACCINIA VIRUS ANKARA"</p> <p>NATURE MEDICINE, NATURE PUBLISHING, CO, US, vol. 4, no. 4, April 1998 (1998-04), pages 397-402, XP000739989 ISSN: 1078-8956 the whole document</p>	1-57
A	<p>US 2002/032162 A1 (HUYGEN KRIS ET AL) 14 March 2002 (2002-03-14) the whole document</p>	1-57
A	<p>WO 01/38358 A (CHIRON CORP ; GLAZER EDWARD (US); SELBY MARK (US); HOUGHTON MICHAEL (U) 31 May 2001 (2001-05-31) the whole document</p>	1-57

# INTERNATIONAL SEARCH REPORT

PCT/GB2004/002499

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
Although claims 38, 39, and 42-57 are directed to a method of treatment of the human/animal body contrary to the requirements of Rule 39.1(iv) PCT, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

PCT/GB2004/002499

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0000216	A	06-01-2000	AU 5036899 A	17-01-2000
			CA 2335508 A1	06-01-2000
			WO 0000216 A2	06-01-2000
			EP 1087789 A2	04-04-2001
			US 6641816 B1	04-11-2003
WO 0130989	A	03-05-2001	AU 7938900 A	08-05-2001
			EP 1226238 A2	31-07-2002
			WO 0130989 A2	03-05-2001
WO 9640241	A	19-12-1996	US 5843456 A	01-12-1998
			AU 711472 B2	14-10-1999
			AU 6314996 A	30-12-1996
			CA 2223416 A1	19-12-1996
			EP 0835133 A1	15-04-1998
			WO 9640241 A1	19-12-1996
			JP 2000500115 T	11-01-2000
US 2002032162	A1	14-03-2002	US 5736524 A	07-04-1998
			AU 715067 B2	13-01-2000
			AU 4110296 A	06-06-1996
			CA 2205175 A1	23-05-1996
			CN 1171814 A	28-01-1998
			CZ 9701451 A3	15-10-1997
			EP 0792358 A2	03-09-1997
			FI 972034 A	11-07-1997
			HU 77028 A2	02-03-1998
			JP 10508753 T	02-09-1998
			NO 972196 A	11-07-1997
			NZ 296477 A	29-04-1999
			PL 320091 A1	15-09-1997
			RU 2186109 C2	27-07-2002
			SK 59797 A3	14-01-1998
			WO 9615241 A2	23-05-1996
			ZA 9509608 A	29-05-1996
WO 0138358	A	31-05-2001	AU 1928201 A	04-06-2001
			CA 2392527 A1	31-05-2001
			EP 1233783 A2	28-08-2002
			JP 2003514576 T	22-04-2003
			WO 0138358 A2	31-05-2001
			US 2004146529 A1	29-07-2004
			US 6740323 B1	25-05-2004